ESC1060 IGNITION COIL - Fitting
Honda CR125 1986-89, CR250 1986-88 and CR500 1986

Step 1 Take the ignition cover off. Are The Replacement Parts Similar? Compare the replacement part to the original. The replacement part can look different because of the winding technology used, but the mounting hole locations should match. Be sure to note the location of the OEM part on the baseplate and which wires are connecting to it.

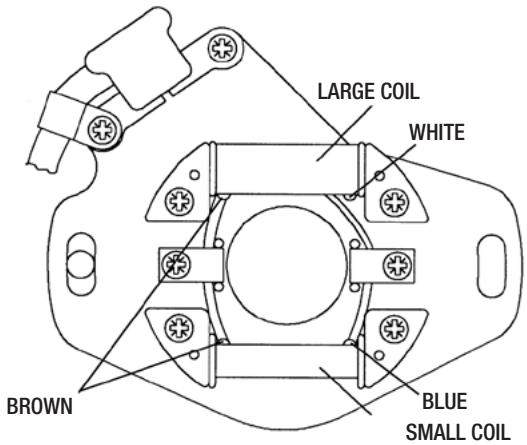
Step 2 Take note of the wire colors of the original coil wires and disconnect them from the wiring loom. Remove the flywheel using a proper puller tool. And remove the baseplate with the original coils. Remove the screws that secure the ignition coils and take the coils off.

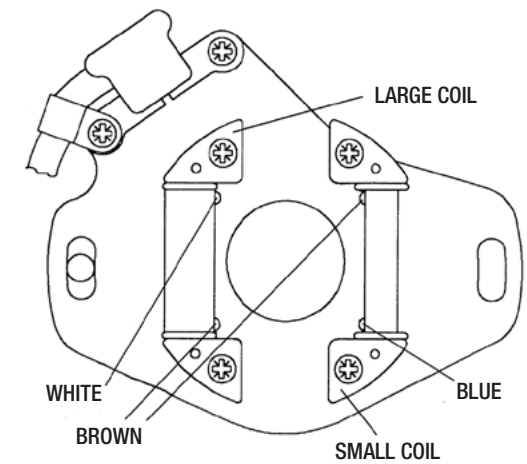
Step 3 Cut the original wires close to the original ignition coils. Take a good look at how the wires are connected to the coils. (At which side of the original coils and where each wire color goes) Mount the coils onto the baseplate, fit the screws using locking compound on the threads and TIGHTEN THE SCREWS SECURELY!

CONNECTIONS LARGE coil connects to original BROWN wire, and the other side connects to the original WHITE wire. SMALL coil connects through a BROWN jumper lead to the LARGE coil, and the other side connects to the original BLUE wire. Look at the pictures at the bottom and compare it to your setup.

Step 4 Connect the old wires up to the new coils. Put the wires in exactly the same place as on the original. Make sure you have good connections here. Use a soldering iron and resin core solder (the type used in electrical applications).

Step 5 Refit the stator baseplate. Ensure the wires CANNOT TOUCH THE FLYWHEEL! (Especially on the inside of the flywheel) Refit the flywheel. Tighten the bolt to specified torque. Connect the wires to the wiring loom on the bike. Fit the ignition cover.





Troubleshooting: Engine will not start: For OHMS testing, measure from the ground tag and solder tag. The OMS reading in the factory service manual will most likely be different than what is listed for this part. This is due to the high performance winding technology. If you have further technical questions, please refer to your service manual.

OHMS LARGE COIL: 380 Ω ± 10%

OHMS SMALL COIL: 70 Ω ± 10%